

1/1 - (C) WPI / DERWENT
AN - 91-212578 ç39!
AP - JP890276343 891023; JP890276343 891023; çPrevious
Publ. J03135918 !
PR - JP890276343 891023
TI - Immunostimulants used for patients with lowered
biological functions - comprises inosine, cytidine,
S'-guanidine-n'-phosphate, uridine, thymidine, and/or
salts
IW - IMMUNOSTIMULANT PATIENT LOWER BIOLOGICAL FUNCTION
COMPRISE INOSINE CYTIDINE GUANIDINE N PHOSPHATE URIDINE
THYMIDINE SALT
PA - (AJIN) AJINOMOTO KK
- (SAKA) OTSUKA SEIYAKU KOGYO KK
PN - --JP3135918-- A 910610 DW9129 000pp
- JP2529605B2 B2 960828 DW9639 A61K31/70 004pp
ORD - 1991-06-10
IC - A61K31/70 ; C07H19/07
FS - CPI
DC - B02 B03
AB - J03135918 Immunostimulants comprising nucleic acid
constituent components and/or their pharmacol,
acceptable salts having the following relative molar
ratio: Inosine 4, Cytidine 4, S'-guanidine-n'-phosphate
4, Uridine 3, and Thymidine 1.
- The agents are, e.g. formulated into an injection opt.,
by dissolving in water for injection and adding pH
adjuster (e.g. HCl, acetic acid, lactic acid, NaOH),
stabiliser, and so on followed by sterilisation. The
pref. pH range and the conc. of the compsn. are ca.
5.0-8.0 and ca 2-8 w/v/%, respectively. Daily dose for
an adult will generally be ca. 1-20 ml.
- USE/ADVANTAGE - The immunostimulants can remarkably
activate the immunological competence in the body, thus
being applicable to postoperative patients to protect
them from infectious diseases. The agents can also be
used for cancer, liver and renal disfunction,
appendicitis, measles, fever, and other diseases to
enhance the immunopotency and to be effective for
shortening the period of recovery from the diseases.
Protection can also be done from sec. infections to
pneumonia, sepsis, pyrethritis and others.
- In an example, pure crystals of the below-mentioned
amts. of components were dissolved in distilled water
for injection. The whole vol. was made to 1l after
stirring and dissolution. The obtd. aq. soln. was
filtered aseptically into vessels for injection. After
sealing, the vessels (5mlx200) were sterilised in an
autoclave at 105 deg.C for 40 mins. to make an
immunostimulant prepn. (total free nucleic acid concn.
3.35 w/v%). (4pp Dwg.No.0/0)